

# SCORE Search Results Details for Application 10573229 and Search Result 20100803\_081515\_us-10-573-229a-1.rnpbm.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
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This page gives you Search Results detail for the Application 10573229 and Search Result 20100803\_081515\_us-10-573-229a-1.rnpbm.

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OM nucleic - nucleic search, using sw model

Run on: August 3, 2010, 11:11:48 ; Search time 3626 Seconds  
(without alignments)  
8227.513 Million cell updates/sec

Title: US-10-573-229A-1  
Perfect score: 920  
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Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 47221952 seqs, 16213567129 residues

Total number of hits satisfying chosen parameters: 94443904

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_NA\_Main:\*

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- 3: /ABSS/Data/CRF/ptodata/2/pubpna/US09A\_PUBCOMB.seq:\*
- 4: /ABSS/Data/CRF/ptodata/2/pubpna/US09B\_PUBCOMB.seq:\*
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## SUMMARIES

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	1	920	100.0	920	19	US-10-573-229A-1	Sequence 1, Appli
	2	920	100.0	920	35	US-11-886-758-1	Sequence 1, Appli
	3	322.2	35.0	650	4	US-09-925-065A-602935	Sequence 602935,
	4	322.2	35.0	650	5	US-09-925-065A-602935	Sequence 602935,
	5	309.8	33.7	501	4	US-09-925-065A-602938	Sequence 602938,
	6	309.8	33.7	501	5	US-09-925-065A-602938	Sequence 602938,
c	7	178.2	19.4	390	19	US-10-573-229A-267	Sequence 267, App
c	8	176.6	19.2	390	35	US-11-886-758-267	Sequence 267, App
	9	149.8	16.3	872	30	US-11-443-428A-197866	Sequence 197866,
	10	149.6	16.3	485	4	US-09-925-065A-425353	Sequence 425353,
	11	149.6	16.3	485	5	US-09-925-065A-425353	Sequence 425353,
	12	122.6	13.3	561	3	US-09-854-867-108	Sequence 108, App
	13	122.6	13.3	561	11	US-10-786-970A-108	Sequence 108, App
	14	122.6	13.3	561	37	US-12-411-359-108	Sequence 108, App
	15	122.6	13.3	561	37	US-12-427-111-108	Sequence 108, App
	16	121.2	13.2	541	3	US-09-854-867-107	Sequence 107, App
	17	121.2	13.2	541	11	US-10-786-970A-107	Sequence 107, App
	18	121.2	13.2	541	37	US-12-411-359-107	Sequence 107, App
	19	121.2	13.2	541	37	US-12-427-111-107	Sequence 107, App
c	20	119.6	13.0	493	4	US-09-925-065A-176178	Sequence 176178,
c	21	119.6	13.0	493	5	US-09-925-065A-176178	Sequence 176178,
c	22	119.6	13.0	504	15	US-10-301-480-267430	Sequence 267430,
c	23	119.6	13.0	504	15	US-10-301-480-880839	Sequence 880839,
c	24	109.6	11.9	590	4	US-09-925-065A-73587	Sequence 73587, A
c	25	109.6	11.9	590	4	US-09-925-065A-73588	Sequence 73588, A
c	26	109.6	11.9	590	5	US-09-925-065A-73587	Sequence 73587, A
c	27	109.6	11.9	590	5	US-09-925-065A-73588	Sequence 73588, A
c	28	109.6	11.9	590	15	US-10-301-480-174826	Sequence 174826,

c	29	109.6	11.9	590	15	US-10-301-480-174827	Sequence 174827,
c	30	109.6	11.9	590	15	US-10-301-480-788235	Sequence 788235,
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c	32	108	11.7	2300	31	US-11-636-385-34991	Sequence 34991, A
	33	104.8	11.4	449	30	US-11-443-428A-346143	Sequence 346143,
	34	104.8	11.4	478	25	US-11-266-748A-80010	Sequence 80010, A
c	35	104.8	11.4	478	25	US-11-266-748A-132821	Sequence 132821,
	36	104.8	11.4	737	16	US-10-472-965-725	Sequence 725, App
	37	104.8	11.4	737	17	US-10-105-299-6677	Sequence 6677, Ap
	38	104.8	11.4	737	17	US-10-472-964-759	Sequence 759, App
	39	104.8	11.4	797	16	US-10-472-965-117	Sequence 117, App
	40	104.8	11.4	797	17	US-10-105-299-234	Sequence 234, App
	41	104.8	11.4	797	17	US-10-472-964-112	Sequence 112, App
	42	104.8	11.4	797	18	US-10-994-608-234	Sequence 234, App
	43	104.8	11.4	797	33	US-11-781-665-234	Sequence 234, App
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c	45	104.8	11.4	137000	13	US-10-515-538-11	Sequence 11, Appl

ALIGNMENTS

RESULT 1

US-10-573-229A-1

; Sequence 1, Application US/10573229A  
; Publication No. US20080166340A1  
; GENERAL INFORMATION  
; APPLICANT: Ganymed Pharmaceuticals AG  
; APPLICANT:TURECI, Ozlem  
; APPLICANT:SAHIN, Ugur  
; APPLICANT:HELFTENBEIN, Gerd  
; APPLICANT:SCHLUTER, Volker  
; TITLE OF INVENTION: Identification of Tumour-Associated Cell Surface Antigens  
; TITLE OF INVENTION:for Diagnosis and Therapy  
; FILE REFERENCE: VOS-203  
; CURRENT APPLICATION NUMBER: US/10/573,229A  
; CURRENT FILING DATE: 2008-03-06  
; PRIOR APPLICATION NUMBER: PCT/EP2004/010697  
; PRIOR FILING DATE: 2004-09-23  
; PRIOR APPLICATION NUMBER: DE 103 44 799.7  
; PRIOR FILING DATE: 2003-09-26  
; NUMBER OF SEQ ID NOS: 312  
; SOFTWARE: PatentIn Version 3.1  
; SEQ ID NO 1  
; LENGTH: 920  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-573-229A-1

Query Match 100.0%; Score 920; DB 19; Length 920;  
Best Local Similarity 100.0%;  
Matches 920; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60  
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Db	1	TCTGTAGAGGGGAATGGCTGCTGTGTTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTG	60
Qy	61	CACTTGGTGAGAAACCGATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC 	120
Db	61	CACTTGGTGAGAAACCGATGCCTCTGCCAACCACCTGCACTAACCTGCTGGGTCTGAGAC	120
Qy	121	TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 	180
Db	121	TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC	180
Qy	181	AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 	240
Db	181	AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT	240
Qy	241	GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 	300
Db	241	GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA	300
Qy	301	GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC 	360
Db	301	GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC	360
Qy	361	ATCATTGCTTCTGCTGGGCGACTGAGAAGCATCACCCACTTCCCAGAACCTTTTTTACG 	420
Db	361	ATCATTGCTTCTGCTGGGCGACTGAGAAGCATCACCCACTTCCCAGAACCTTTTTTACG	420
Qy	421	TGGAGTGAAAACCTTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAA 	480
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Qy	481	TTTCTCTGCTTCTGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTA 	540
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Qy	601	GAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAA 	660
Db	601	GAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAA	660
Qy	661	CAACACAAGGGAAGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCCCTACTGCCC 	720
Db	661	CAACACAAGGGAAGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCCCTACTGCCC	720
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Qy	781	GAAAACCTTGAAAAAGGGGCGCCTTCCCAGCTTCCCCGGGGGTAAGGGCTTTACCCCCCA 	840
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Qy	841	GAGGGGGGGGGAAAAATCCGAGTGGGATCTTTCCCAACCGCCGAAGACTAAAACCTTTAA 	900

Db 841 GAGGGGGGGGGGAAAAATCCGAGTGGGATCTTTCCCAACCGCCGAAGACTAAAACCTTTAA 900

Qy 901 ACCCCCCAAAGAAACCTTCTA 920  
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Db 901 ACCCCCCAAAGAAACCTTCTA 920

RESULT 2

US-11-886-758-1

; Sequence 1, Application US/11886758  
; Publication No. US20090214550A1  
; GENERAL INFORMATION:  
; APPLICANT: Ganymed Pharmaceuticals AG  
; TITLE OF INVENTION: Identification of Surface-Associated Antigens for  
; TITLE OF INVENTION: Tumor Diagnosis and Therapy  
; FILE REFERENCE: 342-26PCT  
; CURRENT APPLICATION NUMBER: US/11/886,758  
; CURRENT FILING DATE: 2007-09-27  
; PRIOR APPLICATION NUMBER: DE 10 2005 013 846.2  
; PRIOR FILING DATE: 2005-03-24  
; NUMBER OF SEQ ID NOS: 314  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 1  
; LENGTH: 920  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-11-886-758-1

Query Match 100.0%; Score 920; DB 35; Length 920;  
Best Local Similarity 100.0%;  
Matches 920; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60  
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Db 1 TCTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTG 60

Qy 61 CACTTGGTGAGAAACCGATGCCTCTGCCAACACCTGCACTAACCTGCTGGGTCTGAGAC 120  
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Db 61 CACTTGGTGAGAAACCGATGCCTCTGCCAACACCTGCACTAACCTGCTGGGTCTGAGAC 120

Qy 121 TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180  
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Db 121 TGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCAC 180

Qy 181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 240  
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Db 181 AGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATT 240

Qy 241 GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 300  
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Db 241 GCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGACCTCCATCAGGTGTCGACAAGGAA 300

Qy 301 GATCCCAGTAGGGCAGGAGACAGGAGCACCTCTGCTGTGGCCAATGCAGGAATGCTGGCC 360  
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Qy	361	ATCATTGCTTCTGCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTTACG	420
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Qy	421	TGGAGTGAAAACTTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAA	480
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Qy	481	TTTCTCTGCTTCTGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTA	540
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Qy	541	AAACCCTCCCTGCCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATC	600
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Qy	601	GAGAGACCTCTAACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAA	660
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Db	901	ACCCCCAAAGAAACCTTCTA	920

RESULT 3

US-09-925-065A-602935

; Sequence 602935, Application US/09925065A

; Publication No. US20040181048A1

; GENERAL INFORMATION:

; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome

; FILE REFERENCE: 108827.135

; CURRENT APPLICATION NUMBER: US/09/925,065A

; CURRENT FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: US 60/243,096

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 60/252,147

; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 602935  
; LENGTH: 650  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-602935

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Best Local Similarity 95.4%;  
Matches 354; Conservative 0; Mismatches 13; Indels 4; Gaps 2;

Qy	373	GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAAC	432
Db	1	GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAAC	60
Qy	433	TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC	492
Db	61	TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC	120
Qy	493	TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTG	552
Db	121	TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTG	180
Qy	553	CCCCAGGCCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA	612
Db	181	CCCCAGGCCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA	240
Qy	613	ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA	672
Db	241	ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA	300
Qy	673	AGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCCCTACTGCCCCAAGAGCCAGCC	732
Db	301	AGTACCTGCTGG---TTCTGGGGTTGGGGAGGAAGATCCCTACTG-CCCAAGAGCCAGCA	356
Qy	733	CCGAACCCAAG	743
Db	357	CAGACACAAGG	367

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US-09-925-065A-602935  
; Sequence 602935, Application US/09925065A  
; Publication No. US20050228172A9  
; GENERAL INFORMATION:  
; APPLICANT: Wang, David G.  
; TITLE OF INVENTION: Identification and Mapping of Single

; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome  
; FILE REFERENCE: 108827.135  
; CURRENT APPLICATION NUMBER: US/09/925,065A  
; CURRENT FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: US 60/243,096  
; PRIOR FILING DATE: 2000-10-24  
; PRIOR APPLICATION NUMBER: US 60/252,147  
; PRIOR FILING DATE: 2000-11-20  
; PRIOR APPLICATION NUMBER: US 60/250,092  
; PRIOR FILING DATE: 2000-11-30  
; PRIOR APPLICATION NUMBER: US 60/261,766  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/289,846  
; PRIOR FILING DATE: 2001-05-09  
; NUMBER OF SEQ ID NOS: 957086  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 602935  
; LENGTH: 650  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-602935

Query Match 35.0%; Score 322.2; DB 5; Length 650;  
Best Local Similarity 95.4%;  
Matches 354; Conservative 0; Mismatches 13; Indels 4; Gaps 2;

Qy	373	GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAAC	432
Db	1	GCTGGGCGACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAAC	60
Qy	433	TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC	492
Db	61	TTTAAGGGGCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTC	120
Qy	493	TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTG	552
Db	121	TGCAAAAGGACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTG	180
Qy	553	CCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA	612
Db	181	CCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTA	240
Qy	613	ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA	672
Db	241	ACCCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGA	300
Qy	673	AGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCCCTACTGCCCCAAGAGCCAGCC	732
Db	301	AGTACCTGCTGG---TTCTGGGGTTGGGGAGGAAGATCCCTACTG-CCCAAGAGCCAGCA	356
Qy	733	CCGAACCCAAG	743
Db	357	CAGACACAAGG	367





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US-09-925-065A-602938
; Sequence 602938, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single
; TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.135
; CURRENT APPLICATION NUMBER: US/09/925,065A
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: US 60/243,096
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 60/252,147
; PRIOR FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: US 60/250,092
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: US 60/261,766
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 602938
; LENGTH: 501
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-925-065A-602938

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Query Match 33.7%; Score 309.8; DB 5; Length 501;  
Best Local Similarity 94.5%;  
Matches 343; Conservative 0; Mismatches 17; Indels 3; Gaps 2;

Qy	381	ACTGAGAAGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACCTTTAAGGG	440
Db	1	ACTGAGAAGCATCACCCACTTCCCCAGAGCCTTTTTTACATGGAGTGAAAACCTTTAAGGG	60
Qy	441	GCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAAG	500
Db	61	GCTGTCCAGCTAAACCTCCAACCTCCAGATCCCATGCCAAGTTCTCTGCTTCTGCAAAAAG	120
Qy	501	GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTGCCCCAGGC	560
Db	121	GACTTCAAGTGAAAGACATCTGCAGCTGTGAACGGGGGTAAAACCCTCCCTGCCCCAGGC	180
Qy	561	CCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAGAGACCTCTAACCCTGGG	620
Db	181	CCCAAGCAAGGATTTCCCTAGCGGGGAGGAAGGTAGAATCGAAAGACCTCTAACCCTGGG	240
Qy	621	AGAGGAGGGAGGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGAAGTACCTG	680

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                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      241 AGAGGAGGGAGGGGAAATCTCCGAGGACCAGGGTTATGCAACAACACAAGGGAAGTACCTG 300
                |||||  |  |||||  |||  |||||  |||||||||||  |||||||||||||||  |  ||  |
Qy      681 CTGGGTTCTGGGGGTTGGGGAAGGAAAATCCCTACTGCCCCAAGAGCCAGCCCCGAACCC 740
                |||||  |  |||||  |||  |||||  |||||||||||  |||||||||||||||  |  ||  |
Db      301 CTGG--TTCTGGGGTCAGGGGAGGAAGATCCCTACTG--CCCAAGAGCCAGCACAGACACA 357
                |||||  |  |||||  |||  |||||  |||||||||||  |||||||||||||||  |  ||  |
Qy      741 AAG 743
                |  |
Db      358 AGG 360
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RESULT 7

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US-10-573-229A-267/c
; Sequence 267, Application US/10573229A
; Publication No. US20080166340A1
; GENERAL INFORMATION
; APPLICANT: Ganymed Pharmaceuticals AG
; APPLICANT:TURECI, Ozlem
; APPLICANT:SAHIN, Ugur
; APPLICANT:HELFTENBEIN, Gerd
; APPLICANT:SCHLUTER, Volker
; TITLE OF INVENTION: Identification of Tumour-Associated Cell Surface Antigens
; TITLE OF INVENTION:for Diagnosis and Therapy
; FILE REFERENCE: VOS-203
; CURRENT APPLICATION NUMBER: US/10/573,229A
; CURRENT FILING DATE: 2008-03-06
; PRIOR APPLICATION NUMBER: PCT/EP2004/010697
; PRIOR FILING DATE: 2004-09-23
; PRIOR APPLICATION NUMBER: DE 103 44 799.7
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 312
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 267
; LENGTH: 390
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-573-229A-267
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Query Match          19.4%;  Score 178.2;  DB 19;  Length 390;
Best Local Similarity 93.5%;
Matches 186;  Conservative 0;  Mismatches 13;  Indels 0;  Gaps 0;

Qy      328 ACCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGGCGACTGAGA 387
                |  |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      264 ATCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGGCGACTGAGA 205
                |||||||||||||||||||||||||||||||||||||||||||||||||||||||

Qy      388 AGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACCTTTAAGGGGCTGTCC 447
                |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      204 AGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACCTTTAAGGGGCTGTCC 145
                |||||||||||||||||||||||||||||||||||||||||||||||||||||||

Qy      448 AGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAGGACTTCA 507
                |||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      144 AGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAGGACTCAT 85
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Qy 508 AGTGAAAGACATCTGCAGC 526  
| | | ||| ||||  
Db 84 GGCAGCGTTATCCACAGC 66

RESULT 8

US-11-886-758-267/c

; Sequence 267, Application US/11886758  
; Publication No. US20090214550A1  
; GENERAL INFORMATION:  
; APPLICANT: Ganymed Pharmaceuticals AG  
; TITLE OF INVENTION: Identification of Surface-Associated Antigens for  
; TITLE OF INVENTION: Tumor Diagnosis and Therapy  
; FILE REFERENCE: 342-26PCT  
; CURRENT APPLICATION NUMBER: US/11/886,758  
; CURRENT FILING DATE: 2007-09-27  
; PRIOR APPLICATION NUMBER: DE 10 2005 013 846.2  
; PRIOR FILING DATE: 2005-03-24  
; NUMBER OF SEQ ID NOS: 314  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 267  
; LENGTH: 390  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-11-886-758-267

Query Match 19.2%; Score 176.6; DB 35; Length 390;  
Best Local Similarity 93.0%;  
Matches 185; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

Qy 328 ACCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGGCGACTGAGA 387  
| |||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
Db 264 ATCTCTGCTGTGGCCAATGCAGGAATGCTGGCCATCATTGCTTCTGCTGGGCGACTGAGA 205

Qy 388 AGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACCTTTAAGGGGCTGTCC 447  
|||||||||||||||||||||||||||||||||||||||||||||||||||||||  
Db 204 AGCATCACCCACTTCCCCAGAACCTTTTTTACGTGGAGTGAAAACCTTTAAGGGGCTGTCC 145

Qy 448 AGCTAAACCTCCAACCTCCAGATCCCATGCCAATTTCTCTGCTTCTGCAAAAAGGACTTCA 507  
||||||||||||||||||||||| |||||||||||||||||||||||||||||  
Db 144 AGCTAAACCTCCAACCTCCAGATWCCATGCCAATTTCTCTGCTTCTGCAAAAAGGACTCAT 85

Qy 508 AGTGAAAGACATCTGCAGC 526  
| | | ||| ||||  
Db 84 GGCAGCGTTATCCACAGC 66

RESULT 9

US-11-443-428A-197866

; Sequence 197866, Application US/11443428A  
; Publication No. US20070083334A1  
; GENERAL INFORMATION:  
; APPLICANT: Mintz, Liat  
; APPLICANT: Xie, Hanqing  
; APPLICANT: Dahari, Dvir  
; APPLICANT: Levanon, Erez

Query Match 16.3%; Score 149.8; DB 30; Length 872;  
Best Local Similarity 90.4%;  
Matches 160; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

Qy	127	ACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAA	186
Db	1	ACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGCTGGCTGCAGCCACAGCCAA	60
Qy	187	CAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCT	246
Db	61	CAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATCCCCTGGCTAAATTGCTCCT	120
Qy	247	TGATTCTTAACCCACAGAAATTGTGTAAAGACCTCCATCAGGTGTCGACAAGGAAGAT	303
Db	121	TGATTCTTAACCCACAGAAATTGTGCTTAACACCATGCAGAAGCTGCCAAGGCTTAT	177

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; Sequence 425353, Application US/09925065A
; Publication No. US20040181048A1
; GENERAL INFORMATION:
;   APPLICANT: Wang, David G.
;   TITLE OF INVENTION: Identification and Mapping of Single
;   TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
;   FILE REFERENCE: 108827.135
;   CURRENT APPLICATION NUMBER: US/09/925,065A
;   CURRENT FILING DATE: 2001-08-08
;   PRIOR APPLICATION NUMBER: US 60/243,096
;   PRIOR FILING DATE: 2000-10-24
;   PRIOR APPLICATION NUMBER: US 60/252,147
;   PRIOR FILING DATE: 2000-11-20
;   PRIOR APPLICATION NUMBER: US 60/250,092
;   PRIOR FILING DATE: 2000-11-30
;   PRIOR APPLICATION NUMBER: US 60/261,766
;   PRIOR FILING DATE: 2001-01-16
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; PRIOR APPLICATION NUMBER: US 60/289,846
; PRIOR FILING DATE: 2001-05-09
; NUMBER OF SEQ ID NOS: 957086
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 425353
;   LENGTH: 485
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-925-065A-425353
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Query Match 16.3%; Score 149.6; DB 4; Length 485;  
Best Local Similarity 91.0%;  
Matches 193; Conservative 0; Mismatches 14; Indels 5; Gaps 3;

Qy	532	ACGGGGGTAAAACCTCCCTGCCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAA	591
Db	1	ACGGGGGTAAAACCTCCCTGCCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAA	60
Qy	592	GGTAGAATCGAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAATCTCCGAGGACCAGG	651
Db	61	GGTAGAATCGAGAGACCTCTAA-CCTGGGAGAGGAGGGAGGGAATCTCCGAGGACCAGG	119
Qy	652	GTTATGCAACAACACAAGGGAAGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCC	711
Db	120	GTTATGCAACAACACAAGGGAAGTACCTGCTGG--TTCTGGGGTTGGGAGGAAGATCC	176
Qy	712	CTACTGCCCCAAGAGCCAGCCCCGAACCCAAG	743
Db	177	CTACTG-CCCAAGAGCCAGCACAGACACAAGG	207

RESULT 11

US-09-925-065A-425353

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; Sequence 425353, Application US/09925065A
; Publication No. US20050228172A9
; GENERAL INFORMATION:
;   APPLICANT: Wang, David G.
;   TITLE OF INVENTION: Identification and Mapping of Single
;   TITLE OF INVENTION: Nucleotide Polymorphisms in the Human Genome
;   FILE REFERENCE: 108827.135
;   CURRENT APPLICATION NUMBER: US/09/925,065A
;   CURRENT FILING DATE: 2001-08-08
;   PRIOR APPLICATION NUMBER: US 60/243,096
;   PRIOR FILING DATE: 2000-10-24
;   PRIOR APPLICATION NUMBER: US 60/252,147
;   PRIOR FILING DATE: 2000-11-20
;   PRIOR APPLICATION NUMBER: US 60/250,092
;   PRIOR FILING DATE: 2000-11-30
;   PRIOR APPLICATION NUMBER: US 60/261,766
;   PRIOR FILING DATE: 2001-01-16
;   PRIOR APPLICATION NUMBER: US 60/289,846
;   PRIOR FILING DATE: 2001-05-09
;   NUMBER OF SEQ ID NOS: 957086
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 425353
;   LENGTH: 485
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; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-925-065A-425353

Query Match 16.3%; Score 149.6; DB 5; Length 485;  
Best Local Similarity 91.0%;  
Matches 193; Conservative 0; Mismatches 14; Indels 5; Gaps 3;

Qy	532	ACGGGGGTAAAACCTCCCTGCCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAA	591
Db	1	ACGGGGGTAAAACCTTCCTGCCCCAGGCCCAAGCAAGGATTTCCCTAGCGGGGAGGAA	60
Qy	592	GGTAGAATCGAGAGACCTCTAACCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGG	651
Db	61	GGTAGAATCGAGAGACCTCTAA-CCTGGGAGAGGAGGGAGGGAAATCTCCGAGGACCAGG	119
Qy	652	GTTATGCAACAACACAAGGGAAGTACCTGCTGGGTTCTGGGGTTGGGGAAGGAAAATCC	711
Db	120	GTTATGCAACAACACAAGGGAAGTACCTGCTGG--TTCTGGGGTTGGGGAGGAAGATCC	176
Qy	712	CTACTGCCCCAAGAGCCAGCCCCGAACCCAAG	743
Db	177	CTACTG-CCCAAGAGCCAGCACAGACACAAGG	207

RESULT 12  
US-09-854-867-108  
; Sequence 108, Application US/09854867  
; Publication No. US20030224356A1  
; GENERAL INFORMATION:  
; APPLICANT: JOAN, KNOLL H  
; APPLICANT: ROGAN, PETER K  
; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME  
; FILE REFERENCE: 30307  
; CURRENT APPLICATION NUMBER: US/09/854,867  
; CURRENT FILING DATE: 2003-05-08  
; NUMBER OF SEQ ID NOS: 613  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 108  
; LENGTH: 561  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: repeat\_region  
; LOCATION: (1)..(561)  
; OTHER INFORMATION: mlt1f1  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (62)..(62)  
; OTHER INFORMATION: n is a, c, g or t  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (165)..(165)  
; OTHER INFORMATION: n is a, c, g or t





; AUTHORS: Jurka, J; Walichiewicz, J; Milosavljevic, A  
; TITLE: Prototypic sequences for human repetitive DNA  
; JOURNAL: Journal of Molecular Evolution  
; VOLUME: 35  
; ISSUE: 4  
; PAGES: 286-291  
; DATE: 1992-10-\_\_  
; DATABASE ACCESSION NUMBER: Database of repetitive elements (repbase)  
; DATABASE ENTRY DATE: \_\_\_\_-\_\_-\_\_  
; DATABASE ENTRY DATE: 1996-01-26  
US-10-786-970A-108

Query Match 13.3%; Score 122.6; DB 11; Length 561;  
Best Local Similarity 69.6%;  
Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

Qy 2 CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC 61  
|| | | || |||| | |||| | | | |||| | |||| |  
Db 201 CTCTGGGGGAAGCCAGCTGCCATGTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCC 260  
  
Qy 62 ACTTGGTGAGAAACCGATGCCT-CTGCCAACACCTGCACTAACCTGCTGGGTC----- 114  
| ||| || ||| || |||| | |||| | || ||| | ||| | ||  
Db 261 ATGTGGCAAGGAACTGAGGCCTCCTGCCAACAGCCAGCAAGGAACTGAGGCCTCCTGCCA 320  
  
Qy 115 -----TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGC 167  
|| || |||| | |||| | || | || | |||| | || | ||  
Db 321 ACAGCCATGTGAGTGAGCCATCTTGAAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA 380  
  
Qy 168 TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATC 227  
|| |||| | ||| ||| | |||| | || | || | |||| | || |  
Db 381 TGACTGCAGCCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACC 440  
  
Qy 228 CCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA 276  
|| |||| | |||| | || | |||| | || | ||  
Db 441 ACCCAGCTAAGCTGCTCCTAAATTCCTGACCCACAGAACTGTGAGAGA 489

RESULT 14  
US-12-411-359-108  
; Sequence 108, Application US/12411359  
; Publication No. US20090312533A1  
; GENERAL INFORMATION  
; APPLICANT: JOAN, KNOLL H  
; APPLICANT:ROGAN, PETER K  
; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME  
; FILE REFERENCE: 30307  
; CURRENT APPLICATION NUMBER: US/12/411,359  
; CURRENT FILING DATE: 2009-03-25  
; PRIOR APPLICATION NUMBER: 09/854,867  
; PRIOR FILING DATE: 2001-05-14  
; NUMBER OF SEQ ID NOS: 613  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 108  
; LENGTH: 561

; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: repeat\_region  
; LOCATION: (1)..(561)  
; OTHER INFORMATION: mlt1f1  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (62)..(62)  
; OTHER INFORMATION: n is a, c, g or t  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (165)..(165)  
; OTHER INFORMATION: n is a, c, g or t  
US-12-411-359-108

Query Match 13.3%; Score 122.6; DB 37; Length 561;  
Best Local Similarity 69.6%;  
Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

Qy	2	CTGTAGAGGGGAATGGCTGCTGTGTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC	61
Db	201	CTCTGGGGGAAGCCAGCTGCCATGTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCC	260
Qy	62	ACTTGGTGAGAAACCGATGCCT-CTGCCAACACCTGCACTAACCTGCTGGGTC-----	114
Db	261	ATGTGGCAAGGAAGTGGGCTCCTGCCAACAGCCAGCAAGGAAGTGGGCTCCTGCCA	320
Qy	115	-----TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGC	167
Db	321	ACAGCCATGTGAGTGAGCCATCTTGAAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA	380
Qy	168	TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATC	227
Db	381	TGACTGCAGCCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACC	440
Qy	228	CCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA	276
Db	441	ACCCAGCTAAGTGCTCCTAAATTCCTGACCCACAGAACTGTGAGAGA	489

RESULT 15  
US-12-427-111-108  
; Sequence 108, Application US/12427111  
; Publication No. US20100003684A1  
; GENERAL INFORMATION  
; APPLICANT: JOAN, KNOLL H  
; APPLICANT:ROGAN, PETER K  
; TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME  
; FILE REFERENCE: 30307  
; CURRENT APPLICATION NUMBER: US/12/427,111  
; CURRENT FILING DATE: 2009-04-21  
; PRIOR APPLICATION NUMBER: 09/573,080  
; PRIOR FILING DATE: 2000-05-16  
; NUMBER OF SEQ ID NOS: 479

Query Match 13.3%; Score 122.6; DB 37; Length 561;  
Best Local Similarity 69.6%;  
Matches 201; Conservative 0; Mismatches 74; Indels 14; Gaps 2;

Qy	2	CTGTAGAGGGGAATGGCTGCTGTGTTCATGGGGGTGCATGAGCAGCCCAGTGGAGAGGTGC	61
Db	201	CTCTGGGGGAAGCCAGCTGCCATGTCATGAGGACACTCAAGCAGCCCTGTGGAGAGGCC	260
Qy	62	ACTTGGTGAGAAACCGATGCCT-CTGCCAACACCTGCACTAACCTGCTGGGTC-----	114
Db	261	ATGTGGCAAGGAAGTGGAGCCTCCTGCCAACAGCCAGCAAGGAAGTGGAGCCTCCTGCCA	320
Qy	115	-----TGAGACTGAGCCACTTTGGAAGCTGATCTTGGAGCACCAGTCAAGCCCTTAGC	167
Db	321	ACAGCCATGTGAGTGAGCCATCTTGGAAAGCAGATCCTCCAGCCCCAGTCAAGCCTTCAGA	380
Qy	168	TGGCTGCAGCCACAGCCAACAACAAGACTGCAACCTCCTGGGGGATCCTGAGCCAGAATC	227
Db	381	TGACTGCAGCCCCAGCTAACATCTTGACTGCAACCTCATGAGAGACCCTGAGCCAGAACC	440
Qy	228	CCCTGGCTAAATTGCTCCTTGATTCTTAACCCACAGAAATTGTGTAAGA	276
Db	441	ACCCAGCTAAGCTGCTCCTAAATTCTTGACCCACAGAAACTGTGAGAGA	489

Search completed: August 3, 2010, 12:16:03  
Job time : 3855 secs